

Amendments to the Claims

Kindly amend claims 7, 10 & 12, and cancel claims 1-6, 8, 9, 11 & 14-28 (without prejudice) as set forth below. All pending claims are reproduced below, with changes in the amended claims shown by underlining (for added matter) and strikethrough/double brackets (for deleted matter).

1-6. (Canceled).

7. (Currently Amended) A method of recovering integrated system functionality following a trigger event, said method comprising:

automatically establishing a reduced level of functionality within the integrated system; [[and]]

allowing for full functional recovery of the integrated system by employing a selective recovery procedure;

wherein the recovery procedure includes loading initialization code into the integrated system at a secure physical location;

wherein the loading of initialization code further comprises loading unencrypted initialization code into the integrated system, including restoration initialization code, and wherein the method further comprises:

executing the restoration initialization code to obtain a master key and a substitute initialization address;

encrypting the restoration initialization code with the master key and storing the encrypted initialization code at the substitute initialization address;

reinitializing the integrated system using the stored encrypted initialization code at the substitute initialization address; and

wherein the initialization code further comprises a manufacturer's public key, and wherein the method further comprises:

generating at the integrated system a public/private key pair;

securely storing the integrated system's private key; and
encrypting the integrated system's public key using the
manufacturers public key.

8-9. (Canceled).

10. (Currently Amended) The method of claim [[9]] 7, further comprising storing the master key and the substitute initialization address in persistent storage associated with a data access control function of the integrated system.

11. (Canceled).

12. (Currently Amended) ~~The method of claim 9;~~ A method of recovering integrated system functionality following a trigger event, said method comprising:

automatically establishing a reduced level of functionality within the
integrated system;

allowing for full functional recovery of the integrated system by
employing a selective recovery procedure;

wherein the recovery procedure includes loading initialization code into
the integrated system at a secure physical location;

wherein the loading of initialization code further comprises loading
unencrypted initialization code into the integrated system, including restoration
initialization code, and wherein the method further comprises:

executing the restoration initialization code to obtain a master key
and a substitute initialization address;

encrypting the restoration initialization code with the master key
and storing the encrypted initialization code at the substitute initialization
address;

reinitializing the integrated system using the stored encrypted
initialization code at the substitute initialization address; and

further comprising establishing a secure network connection between the integrated system and manufacturer, the establishing employing the generated public/private key pair, and downloading across the secure network connection required code and data to reestablish full functionality of the integrated system.

13. (Original) The method of claim 7, wherein the automatically establishing the reduced level of functionality within the integrated system includes limiting access to secure code and data within the integrated system.

14-28. (Canceled).

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